



An E-Update

Prepared by Organizational Results
Missouri Department of Transportation

October 2005

Volume 1, Issue 1

Welcome to *Fast forward*!

This past year MoDOT has taken some bold steps to focus on what's most important. One of those steps created the Organizational Results Division with employees from our Research, Development and Technology, Strategic Planning and Employee Development. The result is a team of 21 people focused on providing MoDOT managers with business, policy and engineering solutions and innovations to deliver our 18 Tangible Results. Fast forward is your source for the latest news and success stories that are driving MoDOT toward business excellence.

First Partnering for Innovative Efficiencies Meeting Held

MoDOT Director Pete Rahn hosted the first Partnering for Innovative Efficiencies (PIE) meeting August 24 in Columbia, Missouri. Around 50 of the department's contractors, vendors, association leaders and other public agency leaders participated in a daylong meeting focused on producing transportation projects faster, better and cheaper. The day concluded with the group selecting six actionable items for the department to pursue with the help of a number of participant volunteers. The department's executive team and several other department employees also attended as resources for brainstorming sessions. With the success of this meeting, Director Rahn said PIE was a great way to involve our transportation partners and would be repeated. [PIE Summary & Photos](#)

Strategic Research Vision Developed

Research can be a powerful tool for MoDOT in delivering a world-class transportation experience that delights our customers and promotes a prosperous Missouri. The biggest challenge is to focus on research projects that will have the greatest impact. Organizational Results has been working with our internal and external research partners to develop a five-year strategic research vision. Watch for our first draft in the next Fast forward!

Roadside Inventories Go High Tech

Remember the puzzle of the United States you put together as a child? Or maybe you remember a tourism map from a family vacation. The most interesting ones had more than just the roads you traveled. They also had symbols and images of historical sites or other points of interest. You may even remember watching for a giant sunflower as you crossed into Kansas or an oversized statue of Lincoln in Illinois. With the advance of global positioning technology (GPS) and geographic information systems (GIS), the roadside and roadway maintenance staff at the Missouri Department of Transportation (MoDOT) wanted to know if a similar map could be made for their use. Researchers envisioned a computer map that would show detailed information about roadside vegetation and roadway features with just the click of a mouse. The full report is just a click away. [Full Report](#)

High Performance Steel Produces Durable, Economical Girders

High Performance Steel (HPS) can lower the weight and price of bridge girders. However, the Missouri Department of Transportation had only limited design experience using HPS on one test bridge. MoDOT needed to explore how it could take advantage of HPS girders without sacrificing strength, durability or economical designs. MoDOT recently teamed with the University of Missouri-Columbia to conduct two studies. Check out the results.

[Breakthrough Bulletin](#)

An E-Update

Prepared by Organizational Results
Missouri Department of Transportation

October 2005

Volume 1, Issue 1
page 2

Learn How to Fix Nuisance Slides with Plastic Pins

Stop the cycle of annual repairs to surficial or “nuisance” slides with a new cost-effective technique developed for MoDOT by the University of Missouri-Columbia. MoDOT maintenance staff are invited to attend a half-day workshop on using recycled plastic pins to stabilize problem slopes. Click here to read more about this technique. [Breakthrough Bulletin](#) Interested in signing up for the workshop? [Workshop Registration](#).

See all our reports in the [innovation library](#).

You can also find them at www.modot.org/services/rdt/byDate.htm.

